

IN THE CLAIMS:

Claims 1-114 (canceled).

Claim 115 (currently amended) A method for selective disruption of cells in a selected region of a subject, wherein the cells comprise lysosomes in which rose bengal accumulates when administered to the subject, the method comprising ~~of treating tumors or cancer in a human in need of such treatment which comprises~~ the steps of:

(a) administering rose bengal to the subject ~~human a compound comprising a pre-selected element~~; and then

(b) irradiating the a selected region, ~~in which tumorous or cancerous cells are located,~~ with line emission x-rays of an energy selected to cause emission of Auger electrons from the rose bengal accumulated in the lysosomes of the cells ~~said pre-selected element~~ in a dose effective to cause disruption of the lysosomes ~~intracellular components of said tumorous or cancerous cells.~~

Claims 116-121 (canceled).

Claim 122 (new). The method according to claim 115, wherein the subject is a human.

Claim 123 (new). The method according to claim 122, wherein the irradiating in step (b) is performed with an x-ray tube that emits monochromatic line emission x-rays having an energy above and near the K-absorption edge or the L-absorption edge of iodine that is present in the

rose bengal.

Claim 124 (new). The method according to claim 123, wherein the x-ray tube has a target that is lanthanum.

Claim 125 (new). The method according to claim 123, wherein the irradiating in step (b) is performed at least 12 hours after the administering of rose bengal in step (a).

Claim 126 (new). The method according to claim 123, wherein the irradiating in step (b) is performed from 12-24 hours after the administering of rose bengal in step (a).

Claim 127 (new). The method according to claim 123, wherein the rose bengal is administered to the subject orally.

Claim 128 (new). The method according to claim 123, wherein the rose bengal is administered to the subject intravenously.

Claim 129 (new). The method according to claim 123, wherein the rose bengal is administered to the subject enterically.

Claim 130 (new) The method according to claim 115, wherein the cells comprise tumor cells.

Claim 131 (new) The method according to claim 123, wherein the cells comprise tumor cells.

Claim 132 (new) The method according to claim 126, wherein the cells comprise tumor cells.

Claim 133 (new) The method according to claim 127, wherein the cells comprise tumor cells.

Claim 134 (new) The method according to claim 128, wherein the cells comprise tumor cells.

Claim 135 (new) The method according to claim 129, wherein the cells comprise tumor cells.